

# ABSTRACT OF THE DISCLOSURE

A radiowave that will act as an interference wave is received together with a desired wave. A phase locking section produces a phase-locked signal that is phase-locked at the frequency of the interference wave. A level adjusting section adjusts the level of the phase-locked signal and supplies the level-adjusted, phase-locked signal to a subtracter, whereby the interference wave component is eliminated from the desired wave. The desired wave from which the interference wave component is eliminated is fed back to the level adjusting section.